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**1 RAP: a conceptual business intelligence framework**

**Author:** Arilit Laha  
**Date:** January 2008    **Conference:** COMPUTE '08: Proceedings of the 1st Bangalore Annual Compute Conference 2008  
**Publisher:** ACM [Request Permissions](#)  
**Full text available:** Pdf (485.72 KB)    **Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 199, Downloads (Overall): 532, Citation Count: 0

Over last few years Data Warehouse (DW) has emerged as the core of the Business Intelligence (BI) infrastructure for many forward-looking organizations. It is often complemented by Business Performance Management (BPM) and workflow management tools for ...

**Keywords:** business intelligence, data mining, data warehousing, event processing, organizational experience, social network analysis

**2 Advanced aviation concepts via simulation: decision support for advanced aviation concepts**

**Author:** Lisa A. Schaefer, Leonard A. Weick, Thomas P. Berry, Craig R. Wanke  
**Date:** December 2002    **Conference:** WSC '02: Proceedings of the 34th conference on Winter simulation: exploring new frontiers  
**Publisher:** Winter Simulation Conference  
**Full text available:** Pdf (566.14 KB)    **Additional Information:** [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 14, Downloads (Overall): 198, Citation Count: 0

This paper describes The MITRE Corporation Center for Advanced Aviation System Development (CAASD) research towards simulation of advanced aviation concepts. Research activities are aimed toward improving tactical and strategic decision making methods ...

**3 Contribution to solving the energy crisis: Simulating the prospects for low cost energy through silicon solar cells**

**Author:** Alexander Kran  
**Date:** March 1978    **Conference:** ANSS '78: Proceedings of the 11th annual symposium on Simulation  
**Publisher:** IEEE Press  
**Full text available:** Pdf (714.52 KB)    **Additional Information:** [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 31, Downloads (Overall): 368, Citation Count: 0

PECAN (Photovoltaic Energy Conversion Analysis) is a highly interactive decision analysis and support system. It simulates the prospects for widespread use of solar cells for the generation of electrical power. PECAN consists of a set of integrated APL ...

**4 Competitive intelligence systems: qualitative DSS for strategic decision making**

 Vicki L. Sauter

June **SI GMI S Database**, Volume 36 Issue 2  
2005

**Publisher:** ACM

Full text available:  Pdf (669.93 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 37, Downloads (12 Months): 270, Downloads (Overall): 2361, Citation Count: 0

Technologies such as decision support systems (DSS) are helpful in solving many kinds of problems, especially those that are based on quantitative data and/or are tactical in scope. For strategic decisions, however, decision makers can benefit greatly ...

**Keywords:** decision support systems, health care, strategic knowledge acquisition

**5 A combined tactical and strategic hierarchical learning framework in multi-agent games**

 Chek Tien Tan, Ho-jun Cheng

August **Sandbox '08: Proceedings of the 2008 ACM SIGGRAPH symposium on Video games**  
2008

**Publisher:** ACM

Full text available:  Pdf (1.53 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 157, Downloads (Overall): 279, Citation Count: 0

This paper presents a novel approach to modeling a generic cognitive framework in game agents to provide tactical behavior generation as well as strategic decision making in modern multi-agent computer games. The core of our framework consists of two ...

**Keywords:** game agent architecture, game artificial intelligence, learning, multi-agent cooperation, strategic planning, tactical behavior

**6 Making personalized recommendations to customers in a service-oriented economy: a quantitative model based on reputation and risk attitude**

 Dickson K. W. Chiu, Ho-fung Leung, Ka-man Lam

August **I CEC '05: Proceedings of the 7th international conference on Electronic commerce**  
2005

**Publisher:** ACM

Full text available:  Pdf (406.15 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 44, Downloads (Overall): 534, Citation Count: 1

In the current service-oriented economy, professional workforce and service personnel have to make not only reasonable but also personalized recommendations in response to individual customer's query. This affects not only the likelihood that the customer ...

**Keywords:** impression, persuasiveness, reputation, risk attitude, trustworthiness

**7 A data mining based system supporting tactical decisions**

 Giuseppe Polese, Massimiliano Troiano, Genoveffa Tortora

July **SEKE '02: Proceedings of the 14th international conference on Software engineering and knowledge engineering**  
2002

**Publisher:** ACM

Full text available:  Pdf (222.00 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 45, Downloads (Overall): 882, Citation Count: 0

We present a decision support system based on data mining algorithms to be used for tactical decisions. The system has been developed and engineered to solve a typical problem involving strategic decisions: supporting a trainer of a basketball team in ...

**Keywords:** apriori algorithm, data mining, decision query, decision support systems, discovery model, verification model

- 8 Manufacturing and distribution integrated solution at Votorantim Cimentos**  
Alain Norman d'Audenhoeve, Rodrigo Cintra Villas Boas  
December 2007 **WSC '07**: Proceedings of the 39th conference on Winter simulation: 40 years! The best is yet to come  
**Publisher:** IEEE Press  
Full text available:  Pdf (19.80 KB) Additional Information: [full citation](#), [abstract](#)  
**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 7, Downloads (Overall): 30, Citation Count: 0

After being consecrated as an important technology for decision making concerning strategic issues, simulation is increasingly applied towards tactical and operational issues. This paper shows an interesting and innovative use of simulation at Votorantim ...

- 9 Proceedings of the workshop on Strategic computing natural language**  
May 1986 **HLT '86**: Proceedings of the workshop on Strategic computing natural language  
**Publisher:** Association for Computational Linguistics  
Additional Information: [full citation](#), [abstract](#)  
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

The overall objective of the Strategic Computing Program (SC) of the Defense Advanced Research Projects Agency (DARPA) is to develop and demonstrate a new generation of machine intelligence technology which can form the basis for more capable military ...

- 10 Applying a simulation-based tool to productivity management in an automotive-parts industry**  
Adrián Aguirre, Enrique Müller, Sebastián Seffino, Carlos A. Méndez  
December 2008 **WSC '08**: Proceedings of the 40th Conference on Winter Simulation  
**Publisher:** Winter Simulation Conference  
Full text available:  Pdf (2.81 MB) Additional Information: [full citation](#), [abstract](#), [references](#)  
**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 25, Downloads (Overall): 25, Citation Count: 0

This work presents the development and application of an advanced modeling, simulation and optimization-based framework focused on the production process of a basic element of a internal combustion engine which is supplied by a leading factory in the ...

- 11 Investigating teams of agents for Robocup soccer**  
Thomas Karl Mace  
May 2003 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 5  
**Publisher:** Consortium for Computing Sciences in Colleges  
Full text available:  Pdf (17.20 KB) Additional Information: [full citation](#), [index terms](#)  
**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 10, Downloads (Overall): 122, Citation Count: 0

- 12 Virtual driving simulator project**  
Ryan Lurvey  
May 2003 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 5  
**Publisher:** Consortium for Computing Sciences in Colleges  
Full text available:  Pdf (16.47 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)  
**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 31, Downloads (Overall): 182, Citation Count: 0

A driving simulator requires that it should be as close to the actual experience as possible as well as maintain decent performance. As an assistant, I focused on rendering multiple camera views from the perspective of one camera view for the purpose ...

- 13 ACM SIGEVolution: Volume 1 Issue 4**  
 December 2006 SIGEVolution  
**Publisher:** ACM  
Additional Information: [full citation](#)  
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**14 A framework for methodologies of visual modeling language evaluation**

 Anna E. Bobkowska

November MIS '05: Proceedings of the 2005 symposia on Metainformatics  
2005

**Publisher:** ACM

Full text available:  Pdf (228.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 75, Downloads (Overall): 333, Citation Count: 1

Structures at the meta level are needed to organize our knowledge. They improve our understanding of concepts, increase our precision and analytical possibilities and constitute the foundations for information processing and communication. They can also ...

**Keywords:** frameworks, quality in modeling, research programmes, visual modeling languages (VML)

**15 Sense & response service architecture (SARESA): an approach towards a real-time business**

 intelligence solution and its use for a fraud detection application

 Tho Manh Nguyen, Josef Schiefer, A. Min Tjoa

November DOLAP '05: Proceedings of the 8th ACM international workshop on Data warehousing and  
2005 OLAP

**Publisher:** ACM 

Full text available:  Pdf (1.60 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 30, Downloads (12 Months): 205, Downloads (Overall): 1891, Citation Count: 3

The dynamic business environment of many organizations require massive monitoring of their processes in real-time in order to proactively respond to exceptional situations and to take advantage of time-sensitive business opportunities. The ability to ...

**Keywords:** data analysis, event sense & response, real-time business intelligence, real-time data warehousing and OLAP

**16 A simulation-based architecture for supporting strategic and tactical decisions in the apron of Rome-Fiumicino Airport**

 Giuseppe Confessore, Giacomo Liotta, Rosario Grieco

December WSC '05: Proceedings of the 37th conference on Winter simulation  
2005

**Publisher:** Winter Simulation Conference

Full text available:  Pdf (479.92 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 33, Downloads (Overall): 184, Citation Count: 0

In this paper we describe an architecture for the evaluation and optimization of aircraft ground movements in apron taxiways. The paper aims at providing an effective methodology for supporting the decision-makers involved in both the apron design and ...

**17 Passenger travel behavior model in railway network simulation**

 Ting Li, Eric van Heck, Peter Verheyen, Jasper Voskuilen, Freek Hofker, Fred Jansma

December WSC '06: Proceedings of the 38th conference on Winter simulation  
2006

**Publisher:** Winter Simulation Conference

Full text available:  Pdf (221.87 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 16, Downloads (12 Months): 67, Downloads (Overall): 304, Citation Count: 1

Transportation planners and public transport operators alike have become increasingly aware of the need to diffuse the concentration of the peak period travel. Differentiated pricing is one possible method to even out the demand and reduce peak load ...

**18** [Simulating air taxi networks](#)

Philippe A. Bonnefond

December 2005 [WSC '05: Proceedings of the 37th conference on Winter simulation](#)

Publisher: Winter Simulation Conference

Full text available:  Pdf (352.28 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 45, Downloads (Overall): 211, Citation Count: 0

The U.S. air transportation industry is about to experience the emergence of on-demand air taxi networks enabled by a new generation of Very Light Jets (VLJs). These new networks are unique in many ways and the top down design approach of air taxi enterprises ...

**19** [Heart rate control of exercise video games](#)

Tadeusz Stach, T. C. Nicholas Graham, Jeffrey Yim, Ryan E. Rhodes

May 2009 [GI '09: Proceedings of Graphics Interface 2009](#)

Publisher: Canadian Information Processing Society

Full text available:  Pdf (602.51 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 24, Downloads (12 Months): 217, Downloads (Overall): 217, Citation Count: 1

Exercise video games combine entertainment and physical movement in an effort to encourage people to be more physically active. *Multiplayer* exercise games take advantage of the motivating aspects of group activity by allowing people to exercise ...

**Keywords:** active games, exertion interfaces, heart rate input, kinetic interfaces, multiplayer exercise video games

**20** [Modeling pragmatics for visual modeling language evaluation](#)



Anna Bobkowska

September 2005 [TAMODIA '05: Proceedings of the 4th international workshop on Task models and diagrams](#)

Publisher: ACM

Full text available:  Pdf (1.44 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 23, Downloads (Overall): 194, Citation Count: 0

While evaluating usability of Visual Modeling Languages (VMLs) there is a need to take into account their pragmatics. VMLs can be applied in several contexts of use which might pose contradictory requirements for their evaluation. Thus, an explicit description ...

**Keywords:** context of use, pragmatics, task-oriented approaches, usability evaluation, visual modeling language

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